

FINISHED PRODUCT SPECIFICATIONS

Dextran Powder MW 3,000

<u>TEST</u>	<u>SPECIFICATION</u>
Appearance:	White to slightly off-white powder
Colour of Solution at 375nm (10%)	NMT 0.12 OD Units
Specific Rotation $[\alpha]_D^{20}$ (2% Solution)	NLT +140°
pH (10% solution)	4.5 to 7.0
Loss on Drying	NMT 7.0%
Ash Content	NMT 2.0%
Intrinsic Viscosity at 37°C (1% solution)	0.045 to 0.055
Cold Water Solubility (1% solution)	Soluble in cold water

FINISHED PRODUCT SPECIFICATIONS

Dextran Powder MW 6,000

<u>TEST</u>	<u>SPECIFICATION</u>
Appearance:	White to slightly off-white powder
Colour of Solution at 375nm (10%)	NMT 0.12 OD Units
Specific Rotation $[\alpha]_D^{20}$ (2% Solution)	NLT +148°
pH (10% solution)	4.5 to 7.0
Loss on Drying	NMT 7.0%
Ash Content	NMT 2.0%
Intrinsic Viscosity at 37°C (1% solution)	0.063 to 0.077
Cold Water Solubility (1% Solution)	Soluble in cold water

FINISHED PRODUCT SPECIFICATIONS

Dextran Powder MW 10,000

TEST

SPECIFICATION

Appearance:	White to slightly off-white powder
Colour of Solution at 375nm (10%)	NMT 0.20 OD Units
Specific Rotation $[\alpha]^{20}_D$ (2% Solution)	NLT + 148°
pH (10% solution)	4.5 to 7.0
Loss on Drying	NMT 7.0%
Ash Content	NMT 2.0%
Intrinsic Viscosity at 37°C. (1% solution)	0.08 to 0.11
Cold Water Solubility (1% solution)	Soluble in cold water

FINISHED PRODUCT SPECIFICATIONS

Dextran Powder MW 20,000

TEST

SPECIFICATION

Appearance:	White to slightly off-white powder
Colour of Solution (10%) at 375nm	NMT 0.20 OD Units
Specific Rotation $[\alpha]^{20}_D$ (2% Solution)	NLT +148°
pH (10% Solution)	4.5 to 7.0
Loss on Drying	NMT 7.0%
Ash Content	NMT 2.0%
Intrinsic Viscosity, at 37°C. (1% solution)	0.11 to 0.14
Cold Water Solubility (1% solution)	Soluble in cold water

FINISHED PRODUCT SPECIFICATIONS

Dextran Powder MW 40,000

<u>TEST</u>	<u>SPECIFICATION</u>
Appearance:	White to slightly off-white powder
Colour of Solution (10%) at 375nm	NMT 0.20 OD Units
Specific Rotation $[\alpha]_D^{20}$ (2% Solution)	Between +195° and +203°
pH (10% Solution)	4.5 to 7.0
Loss on Drying	NMT 7.0%
Ash Content	NMT 2.0%
Intrinsic Viscosity at 37°C (1% Solution)	0.16 to 0.20
Cold Water Solubility (1% Solution)	Soluble in cold water

FINISHED PRODUCT SPECIFICATIONS

Dextran Powder MW 70,000

<u>TEST</u>	<u>SPECIFICATION</u>
Appearance:	White to slightly off-white powder
Colour of Solution (6%) at 375nm	NMT 0.15 OD Units
Specific Rotation $[\alpha]_D^{20}$ (2% Solution)	Between +195° and +203°
pH (6% Solution)	4.5 to 7.0
Loss on Drying	NMT 7.0%
Ash Content	NMT 2.0%
Intrinsic Viscosity at 37° C (1% Solution)	0.22 to 0.27
Cold Water Solubility (1% Solution)	Soluble in cold water

FINISHED PRODUCT SPECIFICATIONS

Dextran Powder MW 100,000

<u>TEST</u>	<u>SPECIFICATION</u>
Appearance:	White to slightly off-white powder
Colour of Solution (6%) at 375nm	NMT 0.15 OD Units
Specific Rotation $[\alpha]_D^{20}$ (2% Solution)	Between +195° and +203°
pH (6% Solution)	4.5 to 7.0
Loss on Drying	NMT 7.0%
Ash Content	NMT 2.0%
Intrinsic Viscosity at 37°C (1% Solution)	0.26 to 0.32
Cold Water Solubility (1% Solution)	Soluble in cold water

FINISHED PRODUCT SPECIFICATIONS

Dextran Powder MW 150,000

<u>TEST</u>	<u>SPECIFICATION</u>
Appearance:	White to slightly off-white powder
Colour of Solution (6%) at 375nm	NMT 0.15 OD Units
Specific Rotation $[\alpha]_D^{20}$ (2% Solution)	Between +195° and +203°
pH (6% Solution)	4.5 to 7.0
Loss on Drying	NMT 7.0%
Ash Content	NMT 2.0%
Intrinsic Viscosity at 37°C (1% Solution)	0.32 to 0.37
Cold Water Solubility (1% Solution)	Soluble in cold water

FINISHED PRODUCT SPECIFICATIONS

Dextran Powder MW 250,000

<u>TEST</u>	<u>SPECIFICATION</u>
Appearance:	White to slightly off-white powder
Colour of Solution (6%) at 375nm	NMT 0.15 OD Units
Specific Rotation $[\alpha]_D^{20}$ (2% Solution)	Between +195° and +203°
pH (6% Solution)	4.5 to 7.0
Loss on Drying	NMT 7.0%
Ash Content	NMT 2.0%
Intrinsic Viscosity at 37°C (1% Solution)	0.40 to 0.50
Cold Water Solubility (1% Solution)	Soluble in cold water

FINISHED PRODUCT SPECIFICATIONS

Dextran Powder MW 500,000

TEST

SPECIFICATION

Appearance:	White to slightly off-white powder
Colour of Solution (6%) at 375nm	NMT 0.15 OD Units
Specific Rotation $[\alpha]_D^{20}$ (2% Solution)	Between +195° and +203°
pH (6% Solution)	4.5 to 7.0
Loss on Drying	NMT 7.0%
Ash Content	NMT 2.0%
Intrinsic Viscosity at 37° C (1% Solution)	0.56 to 0.70
Cold Water Solubility (1% Solution)	Soluble in cold water